

# ENDANGERED SPECIES OBSERVER PROGRAM

Dredge Eagle, M.R.G.O., L.  
Bean Co./USACE, New Orleans

## DAILY REPORT

Date: 10 / 14 96 Loads: 01-04  
Area(s) Worked: Stations 3835+00-3750+00  
Weather Conditions: Skies clear to mostly cloudy, Winds SE 5-20 knots, Seas 2'-8'  
Range of H<sub>2</sub>O Temperature: Surface 73°F Below Mid-Depth             
Condition of all screening apparatus: Good

Are there incidents involving endangered or protected species? Yes            No X

Comments (type of material being dredged, biological specimens, etc.):           

Due to bad weather no digging was done on

13th. The crew boat was not able to make it out to the dredge  
site and the seas were to large for digging. The crew boat arrived  
at 0900 on the 14th and dredging commenced at 0905.

The dredge is equipped with 100% inflow  
screening. At the end of each discharge pipe there is 100%  
enclosed screen cage with 4"x4" openings. There are two pipes  
one on the port side and one on the starboard side. There are  
two screened mid discharge openings. These openings are welded  
closed and will not be used. This is a excellent inflow screened  
setup.

Samples were small in quantity today.  
samples consisted of whelks, stingrays, spider crabs, wood,  
clay and trash.

Material digging is sand, silt, mud and clay.  
Water temperatures will be taken by the observers in the cut area.

### Bridge Watch Summary

Species	# of Sightings	# of Animals	Comments
<u>No sightings</u>	<u>          </u>	<u>          </u>	<u>          </u>
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Eric Westerman, Brett Johnson

Observer(s) On Duty:

ENDA ERD SPECIES OBSERVER PROJ AM

Dredge Eagle MRGO LA

BEAN Co./USACE, New Orleans

DAILY REPORT

Date: 10 / 15 / 96 Loads: 05-11

Area(s) Worked: Stations 3835+00-3750+00

Weather Conditions: Skies partly cloudy, Winds variable 5-15 knots, Seas 1'-3'

Range of H<sub>2</sub>O Temperature: Surface 72°F Below Mid-Depth

Condition of all screening apparatus: Good

Are there incidents involving endangered or protected species? Yes No ☒

Comments (type of material being dredged, biological specimens, etc.):

Samples today consisted of wheelks, pen shell, stingrays, horseshoe crabs, wood, clay and trash. Samples were small in quantity.

Material digging is sand, silt, mud and clay.

Bridge Watch Summary

Species	# of Sightings	# of Animals	Comments
No sightings			

Observer(s) On Duty: Eric Westerman, Brett Johnson

# ENDANGERED SPECIES OBSERVER PROGRAM

Dredge Eagle MRGO, LA  
 Bean & Co./USACE, New Orleans

## DAILY REPORT

Date: 10 / 16 / 96 Loads: 12-18

Area(s) Worked: Stations 3835+00-3750+00

Weather Conditions: Partly cloudy, Winds SE 10-15 knots, Seas 1'-5'

Range of H<sub>2</sub>O Temperature: Surface 75°F Below Mid-Depth

Condition of all screening apparatus: Good

Are there incidents involving endangered or protected species? Yes  No x

Comments (type of material being dredged, biological specimens, etc.):

Samples were small in quantity today. Samples included horseshoe crabs, atlantic stingrays, spiny dogfish, atlantic torpedo, atlantic guitar fish, wheelks, wood, clay, and trash.

Material digging is sand, silt, mud and clay.

### Bridge Watch Summary

Species	# of Sightings	# of Animals	Comments
No sightings			

Observer(s) On Duty: Eric Westerman, Brett Johnson

# ENDA HERD SPECIES OBSERVER PRO AM

Dredge Eagle MRGO, LA  
 Bean & Co./USACE, New Orleans

## DAILY REPORT

Date: 10 / 17 / 96 Loads: 19-25  
 Area(s) Worked: Stations 3835+00-3750+00-3905+00  
 Weather Conditions: Skies clear to partly cloudy, Winds S-SE 10-15 knots to light  
 Range of H<sub>2</sub>O Temperature: Surface 74°F Below Mid-Depth                      airs  
 Condition of all screening apparatus: Safety ladders were installed  
today on the inflow cages. This makes the access from the  
catwalk to the inflow cage safer. Screening is in good condition.

Are there incidents involving endangered or protected species? Yes        No X

Comments (type of material being dredged, biological specimens, etc.):  
Samples were small in quantity or nonexistent  
in some loads. Samples today consisted of horseshoe crabs,  
spider crabs, wheelks, pen shell, wood, trash and clay. The amount  
of debris that was sampled today was small. Some loads only  
a wheelk and a piece of wood was sampled. Debris caught in  
the dragheads has also been small. Dragheads are usually  
clean or may have small amounts of clay, rope or wood trapped  
in the draghead.  
Material digging is sand, silt, mud and clay.

## Bridge Watch Summary

Species	# of Sightings	# of Animals	Comments
No sightings			

Observer(s) On Duty: Eric Westerman, Brett Johnson

# ENDANGERED SPECIES OBSERVER PROGRAM

Dredge Eagle MARGO, LA  
 Bean Co./USACE, New Orleans

## DAILY REPORT

Date: 10 / -18 / 96 Loads: 26-32

Area(s) Worked: Stations 3905+00-3750+00

Weather Conditions: Skies clear and partly cloudy, Winds N 20-30 knots, Seas 3'-6'

Range of H<sub>2</sub>O Temperature: Surface 73°F Below Mid-Depth

Condition of all screening apparatus: Good

Are there incidents involving endangered or protected species? Yes No ☒ X

Comments (type of material being dredged, biological specimens, etc.):

Samples remained smaller than usual in quantity today. Most of loads the screens only sampled small amounts of pen shells, horseshoe crabs and trash, some of loads were clean.

Material digging is sand, silt, mud and small amount of clay.

### Bridge Watch Summary

Species	# of Sightings	# of Animals	Comments
No sightings			

Observer(s) On Duty: Eric Westerman, Brett Johnson

Dredge Eagle MRGO, LA  
 Bean Co./USACE, New Orleans

Date: 10 / 19 / 96 Loads: 33-37  
Area(s) Worked: Stations 3905+00-3750+00  
Weather Conditions: Skies clear, Winds northerly 12-30 knots, Seas 3'-6'  
Range of H<sub>2</sub>O Temperature: Surface 71°F Below Mid-Depth             
Condition of all screening apparatus: Good

Comments (type of material being dredged, biological specimens, etc.):  
 Biological samples increased in quantity today.  
 Numerous stingrays, cownose rays, horseshoe crabs, spider crabs, pen shell and whelks were sampled today.  
 Material digging is sand, silt, mud and clay.

Species	# of Sightings	# of Animals	Comments
Tt	3	12	Bottlenose Dolphins

Observer(s) On Duty: \_\_\_\_\_

# ENDANGERED SPECIES OBSERVER PROGRAM

Dredge Eagle MRGO, LA  
 Bean Co./USACE, New Orleans

## DAILY REPORT

Date: 10 / 20 / 96 Loads: 38-43

Area(s) Worked: Stations 3815+00-3905+00-3750+00

Weather Conditions: Skies clear, Winds light airs, Seas calm

Range of H<sub>2</sub>O Temperature: Surface 70°F Below Mid-Depth

Condition of all screening apparatus: Good

Are there incidents involving endangered or protected species? Yes No ☒

Comments (type of material being dredged, biological specimens, etc.):

Samples today consisted of horseshoe crabs,  
 whelks, cownose rays, atlantic stingrays, pen shell, wood,  
 trash and rope.

Material digging is sand, silt, mud and clay

## Bridge Watch Summary

Species	# of Sightings	# of Animals	Comments
Tt	4	26	Bottlenose Dolphins

Observer(s) On Duty: Eric Westerman, Brett Johnson

# ENDANG ED SPECIES OBSERVER PROGF M

Dredge, ~~EAGLE~~, MRGO, LA  
 Bean Co./USACE, New Orleans

## WEEKLY SUMMARY

Dates: 10/ 14 / 96 - 10/ 20 / 96 Loads: 01-43

Range of H<sub>2</sub>O Temperature: Surface 70°-75°F Below Mid-Depth

Area(s) Worked: Stations 3905+00-3750+00-3835+00-3815+00 MRGO

Are there incidents involving endangered or protected species? Yes No X

Comments: No turtles were sighted or sampled this week.

One old weathered turtle bone piece was sampled this week.

One third of an old costal plate was sampled. The bone was small in size and black in color.

The 100% inflow sampling system is working fine.

Samples this week have consisted of pen shells, horseshoe crabs, atlantic stingrays, spider crabs, whelks, atlantic guitar fish, cownose rays, spiny dogfish, wood, clay and trash. The sample size quantity has varied from small to numerous. The dragheads are kept relatively clean from debris.

Clay, wood and rope is what is getting caught in the dragheads.

Material digging is sand, silt, mud and clay.

Observers are taking water temperatures from the dredge in the cut area.

## Bridge Watch Summary

Species	# of Sightings	# of Animals	Comments
Tt	7	38	Bottlenose Dolphins

Observers On Duty: Eric Westerman, Brett Johnson



# ENDANGERED SPECIES OBSERVER PROGRAM

Dr. C. Eagle, MRGO,  
Beaumont Co./USACE, New Orleans

## DAILY REPORT

Date: 10 / 21 / 96 Loads: 44-50

Area(s) Worked: STATION 3815+00 → 3905+00

Weather Conditions: SKIES CLEAR TO PARTLY CLOUDY; WINDS VARIABLE 5-10 KNOTS TO LIGHT AIRS; SEAS CALM  
TO 1-3'

Range of H<sub>2</sub>O Temperature: Surface 70°F Below Mid-Depth \_\_\_\_\_

Condition of all screening apparatus: GOOD

Are there incidents involving endangered or protected species? Yes \_\_\_\_\_ No X

Comments (type of material being dredged, biological specimens, etc.): \_\_\_\_\_

SAMPLES TODAY CONSISTED OF STINGRAYS, HORSESHOE CRABS, SEA STAR,  
WHELK, AND PEN SHELLS, WOOD, TRASH, AND RUBBER HOSE.

MATERIAL DIGGING IS SAND, SILT, MUD, AND CLAY

### Bridge Watch Summary

Species	# of Sightings	# of Animals	Comments
<u>Tt</u>	<u>3</u>	<u>12</u>	<u>BOTTLENOSE DOLPHINS</u>
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____

Observer(s) On Duty: BRETT JOHNSON / ERIC WESTERMAN

# ENDANGERED SPECIES OBSERVER PROGRAM

Dr. Eagle MRGO, I  
Bean Co./USACE, New Orleans

## DAILY REPORT

Date: 10 / 22 / 96 Loads: 51-55

Area(s) Worked: STATION 3815+00 → 3905+00

Weather Conditions: PARTLY TO MOSTLY CLOUDY; WINDS SOUTHERLY TO SE 10-30 KNOTS; SEAS 3-6'

Range of H<sub>2</sub>O Temperature: Surface 74° F Below Mid-Depth \_\_\_\_\_

Condition of all screening apparatus: GOOD

Are there incidents involving endangered or protected species? Yes \_\_\_\_\_ No X

Comments (type of material being dredged, biological specimens, etc.): \_\_\_\_\_

SAMPLES TODAY CONSISTED OF STINGRAYS, HORSESHOE CRABS, PEN SHELLS  
WOOD, AND ASSORTED TRASH.

MATERIAL DIGGING IS SAND, SILT, MUD, AND CLAY

### Bridge Watch Summary

Species	# of Sightings	# of Animals	Comments
<u>NO SIGHTINGS</u>	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____

Observer(s) On Duty: BRETT JOHNSON / ERIC WESTERMAN

# ENDANGERED SPECIES OBSERVER PROGRAM

Dredge Eagle MRGO, La  
Bean & Co./USACE, New Orleans

## DAILY REPORT

Date: 10 / 23 / 94 Loads: 50-62  
 Area(s) Worked: STATIONS 3815+00 - 3905+00 - 3750+00 - 3770+00  
 Weather Conditions: CLOUDY TO CLEAR SKIES; WINDS VARIABLE 10-30 KNOTS TO 15 KTS; SEAS 2-6' TO CALM  
 Range of H<sub>2</sub>O Temperature: Surface 72°F Below Mid-Depth \_\_\_\_\_  
 Condition of all screening apparatus: GOOD

Are there incidents involving endangered or protected species? Yes \_\_\_\_\_ No X

Comments (type of material being dredged, biological specimens, etc.): \_\_\_\_\_

SAMPLES CONTINUE TO CONSIST OF STINGRAYS, HORSESHOE CRABS, ONE RED DRUM FISH, PENSHELLS, WOOD, AND MISCELLANEOUS TRASH.

DREDGE MATERIAL IS SAND, SILT, MUD, AND CLAY

### Bridge Watch Summary

Species	# of Sightings	# of Animals	Comments
<u>Tt</u>	<u>3</u>	<u>8</u>	<u>BOTTLENOSE DOLPHINS</u>
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____

Observer(s) On Duty: BRETT JOHNSON / ERIC WESTERMAN

END 'GERED SPECIES OBSERVER PF GRAM  
Dredge EAGLE I - Mississippi River Gulf Outlet 1996  
Bean Dredging Co. - USACE, New Orleans District

DAILY REPORT

Date: 10 / 24 / 96 Loads: 63-68  
Area(s) Worked: STATIONS 3770+00 - 3815+00 - 3905+00  
Weather Conditions: CLEAR TO PARTLY CLOUDY; WINDS SE 5-20 KTS TO LT. AIRS; SEAS CALM TO 1-4'  
Range of H<sub>2</sub>O Temperature: Surface 70°-72°F Below Mid-Depth \_\_\_\_\_  
Condition of all screening apparatus: GOOD. REPAIRS MADE TO PORT INFLOW CAGE DOOR DURING  
LOAD NUMBER 65. SEE DAILY REPORT

Are there incidents involving endangered or protected species? Yes \_\_\_\_\_ No X

Comments (type of material being dredged, biological specimens, etc.): \_\_\_\_\_

SAMPLES SMALL IN QUANTITY CONSISTING OF WHELK AND PEN SHELLS, STINGRAY,  
REDFISH, WOOD, AND MISCELLANEOUS TRASH.

DREDGE MATERIAL IS SAND, SILT, MUD, AND CLAY.

DURING LOAD # 65 THE PORT INFLOW CAGE DOOR OPENED UP APPROX.  
6 INCHES AT 0724. AT 0725 THE OUTSIDE RAM BROKE RELEASING HYDRAULIC  
PRESSURE TO DOOR COMPLETELY. AT 0838 THE DOOR WAS AGAIN CLOSED AND  
HAS SINCE BEEN FULLY FUNCTIONAL AND IN GOOD WORKING ORDER. THE REPAIRS  
TO THE DOOR WAS DONE IN A TIMELY AND EFFECIENT MANNER.

Bridge Watch Summary

Species	# of Sightings	# of Animals	Comments
<u>NO SIGHTINGS</u>	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____

Observer(s) On Duty: ERIC WESTERMAN | BRETT JOHNSON

# ENDANGERED SPECIES OBSERVER PROGRAM

Dredge *EAGLE 1* - Mississippi River Gulf Outlet 1996

Bean Dredging Co. - USACE, New Orleans District

## DAILY REPORT

Date: 10 / 25 / 94 Loads: 69-70

Area(s) Worked: STATION 3815+00 - 3905+00

Weather Conditions: PTLY CLOUDY ; WINDS SLY 10-20 KNOTS ; SEAS 3-5'

Range of H<sub>2</sub>O Temperature: Surface 71°F Below Mid-Depth \_\_\_\_\_

Condition of all screening apparatus: GOOD

Are there incidents involving endangered or protected species? Yes \_\_\_\_\_ No X

Comments (type of material being dredged, biological specimens, etc.): \_\_\_\_\_

SAMPLES LIGHT IN QUANTITY CONSISTING OF MAINLY WOOD AND TRASH  
WITH SOME PENSHELLS, WHELK, AND STINGRAY

DREDGE MATERIAL IS SAND, SILT, MUD, AND CLAY.

DREDGING OPERATIONS CEASED AT 0540. SHIP IN TRANSIT TO DOCK  
FROM 0540 TO 1125 AT WHICH TIME ARRIVED AT JORDAN ROAD WHARF IN NEW  
ORLEANS, LA. TO UNDERGO SWITCH OUT OF DRAGHEADS AND TO TAKE ON FUEL.

THE NEW DRAGHEADS EQUIPPED WITH TURTLE EXCLUDER DEVICE, SHIP UNDERWAY  
FOR RETURN TO MRGO AT APPROX. 2100 HRS.

## Bridge Watch Summary

Species	# of Sightings	# of Animals	Comments
<u>NO SIGHTINGS</u>	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____

Observer(s) On Duty: BRETT JOHNSON / ERIC WESTERMAN

# ENDANGERED SPECIES OBSERVER PROGRAM

Dredge EAGLE 1 - Mississippi River Gulf Outlet 1996

Bean Dredging Co. - USACE, New Orleans District

## DAILY REPORT

Date: 10 / 26 / 96 Loads: 71 - 77

Area(s) Worked: STATION 3825+00 → 3855+00

Weather Conditions: PTLY CLOUDY; WINDS SLY 5-20 KNOTS; SEAS 4-7'

Range of H<sub>2</sub>O Temperature: Surface 72°-73° F Below Mid-Depth \_\_\_\_\_

Condition of all screening apparatus: GOOD. REPAIRS TO PORT SIDE CAGE HYDRAULIC RAM,

Are there incidents involving endangered or protected species? Yes \_\_\_\_\_ No X

Comments (type of material being dredged, biological specimens, etc.): \_\_\_\_\_

BIOLOGICAL AND TRASH SAMPLES ARE MINIMAL TO NONEXISTENT. SAMPLES INCLUDE WOOD, MISCELLANEOUS TRASH, WHECK, AND STRINGRAY.

DREDGE MATERIAL IS SAND, SILT, MUD, AND CLAY.

SHIP RETURNED TO MRO AT APPROX. 0200 HRS. DREDGING RESUMED AT 0235. NEW DRAGHEADS WITH T.E.D.'S HAVE BEEN INSTALLED AND ARE IN GOOD WORKING ORDER. FINAL REPAIRS MADE TO PORT SIDE CAGE DOOR WITH NEW HYDRAULIC RAM BEING INSTALLED. IT TOO IS IN GOOD WORKING ORDER AND FULLY FUNCTIONAL.

### Bridge Watch Summary

Species	# of Sightings	# of Animals	Comments
<u>NO SIGHTINGS</u>	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____

Observer(s) On Duty: BRETT JOHNSON / ERIC WESTERMAN

Bean Dredging Co. - USACE, New Orleans District

Observer(s) On Duty: BRETT JOHNSON | ERIC WESTERMAN

# ENDANGERED SPECIES OBSERVER PROGRAM

Dredge *EAGLE 1* - Mississippi River Gulf Outlet 1996

Bean Dredging Co. - USACE, New Orleans District

## WEEKLY SUMMARY

Dates: 10 / 21 / 96 - 10 / 27 / 96

Loads: 44-86

Range of H<sub>2</sub>O Temperature: Surface 70° - 74° F

Below Mid-Depth \_\_\_\_\_

Area(s) Worked: MR60 STATIONS 3815+00 → 3905+00 → 3750+00 → 3770+00 →  
3825+00 → 3855+00

Are there incidents involving endangered or protected species? Yes \_\_\_\_\_ No X

Comments: NO TURTLES WERE SIGHTED NOR SAMPLED THIS WEEK. BIOLOGICAL  
SAMPLES INCLUDE STINGRAYS, HORESHOE CRABS, SEA STAR, REDFISH, FLOWNER, WHELK,  
AND PEN SHELLS. GARBAGE SAMPLES CONSIST OF WOOD, HOSE, NET, AND ASSORTED TRASH.  
THE SAMPLE SIZE QUANTITY IS DECREASING. DRAGHEADS HAVE BEEN RELATIVELY FREE  
FROM DEBRIS WITH OCCASIONAL WOOD, CLAY, ROPE AND NET BEING FOUND IN DRAGHEADS.  
SHIP WENT TO DOCK ON 10/25 TO SWITCH OUT DRAGHEADS AND TO TAKE ON  
FUEL. THE NEW DRAGHEADS ARE EQUIPPED WITH TURTLE EXCLUDER DEVICES.  
REPAIRS WERE MADE TO PORT INFLOW CASE DOOR. HYDRAULIC RAM WAS REPLACED IN  
TIMELY AND EFFICIENT MANNER AND IS IN GOOD WORKING ORDER. ALL OTHER EQUIPMENT  
INTACT AND FULLY FUNCTIONAL.  
DREDGE MATERIAL IS SAND, SILT, MUD, AND CLAY.

## Bridge Watch Summary

Species	# of Sightings	# of Animals	Comments
<u>Tt</u>	<u>8</u>	<u>20</u>	<u>BOTTLE NOSE DOLPHINS</u>
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____

Observers On Duty: BRETT JOHNSON / ERIC WESTERMAN



# END/ GERED SPECIES OBSERVER PR TRAM

Dredge *EAGLE 1* - Mississippi River Gulf Outlet 1996

Bean Dredging Co. - USACE, New Orleans District

## DAILY REPORT

Date: 10 / 28 / 96 Loads: 87-98

Area(s) Worked: Stations 3855+00-3825+00

Weather Conditions: Skies partly cloudy, Winds light airs, Seas 2'-5'

Range of H<sub>2</sub>O Temperature: Surface 73-74°F Below Mid-Depth

Condition of all screening apparatus: Good

Are there incidents involving endangered or protected species? Yes  No X

Comments (type of material being dredged, biological specimens, etc.):

A notable reduction in sample quantities  
continues since the new dragheads and T.E.D.s were put on.  
samples consisted of wood, pen shell, whelks, stingrays,  
horseshoe crabs and trash.

Material digging is sand, silt and mud.

## Bridge Watch Summary

Species	# of Sightings	# of Animals	Comments
<u>No sightings</u>	<u></u>	<u></u>	<u></u>
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<u></u>	<u></u>	<u></u>	<u></u>
<u></u>	<u></u>	<u></u>	<u></u>
<u></u>	<u></u>	<u></u>	<u></u>

Observer(s) On Duty: Eric Westerman, Brett Johnson

**ENDANGERED SPECIES OBSERVER PROGRAM**Dredge 1GLE 1 - Mississippi River Gulf Outlet 1996

Bean Dredging Co. - USACE, New Orleans District

**DAILY REPORT**Date: 10/ 29 / 96 Loads: 99-109Area(s) Worked: Stations 3855+00-3825+00Weather Conditions: Skies partly cloudy, Winds light airs, Seas 1'-2'Range of H<sub>2</sub>O Temperature: Surface 72-73-74°F Below Mid-Depth Condition of all screening apparatus: GoodAre there incidents involving endangered or protected species? Yes  No xComments (type of material being dredged, biological specimens, etc.): Samples today were very small in quantity.About half of the loads no samples were taken. Samples consisted of  
pen shells, stingrays, wood, trash and crab trap mesh.Material digging is sand, silt and mud.**Bridge Watch Summary**

Species	# of Sightings	# of Animals	Comments
<u>Tt</u>	<u>2</u>	<u>6</u>	<u>Bottlenose Dolphins</u>
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<u></u>	<u></u>	<u></u>	<u></u>
<u></u>	<u></u>	<u></u>	<u></u>
<u></u>	<u></u>	<u></u>	<u></u>

Observer(s) On Duty: Eric Westerman, Brett Johnson

**ENDANGERED SPECIES OBSERVER PROGRAM**

Dredg 4GLE 1 - Mississippi River Gulf Ou 1996

Bean Dredging Co. - USACE, New Orleans District

**DAILY REPORT**

Date: 10 / 30 / 96 Loads: 110- 117

Area(s) Worked: Stations 3855+00-3825+00

Weather Conditions: Skies partly cloudy, Winds W 5-10 knots to calm, Seas calm to

Range of H<sub>2</sub>O Temperature: Surface 73-74-75°F Below Mid-DepthCondition of all screening apparatus: Good with the exception of load 115, see  
daily report for details.Are there incidents involving endangered or protected species? Yes No ☒

Comments (type of material being dredged, biological specimens, etc.):

Samples today were small in quantity. Samples  
consisted of flounder, whelks, pen shell, stingrays, wood,  
trash and clay.

Close to the end of load 115 the port cage  
door opened up about eight inches. The door was closed  
right away. The door has stayed closed for the remainder  
of day. The hydraulic door system seems to be working fine  
now.

Material digging is sand, silt, mud and small  
amounts of clay.

**Bridge Watch Summary**

Species	# of Sightings	# of Animals	Comments
Tt	1	9	Bottlenose Dolphins

Observer(s) On Duty: Eric Westerman, Brett Johnson

ENDANGERED SPECIES OBSERVER PROGRAM

Dredge AGLE 1 - Mississippi River Gulf Outlet 1996

Bean Dredging Co. - USACE, New Orleans District

DAILY REPORT

Date: 10 / 31 / 96 Loads: 118-124

Area(s) Worked: Stations 3855+00-3825+00

Weather Conditions: Skies partly cloudy, Winds calm, Seas calm

Range of H<sub>2</sub>O Temperature: Surface 74-75-76°F Below Mid-Depth

Condition of all screening apparatus: Good

Are there incidents involving endangered or protected species? Yes  No X

Comments (type of material being dredged, biological specimens, etc.):

Samples with the new dragheads and T.E.D.S

continue to be small in quantity. Samples today were extremely  
small in quantity. Most of the loads were clean. Samples  
caught today consisted of stingrays, rubber hose, plastic  
and wood.

Bridge Watch Summary

Species	# of Sightings	# of Animals	Comments
No sightings			

Eric Westerman, Brett Johnson

Observer(s) On Duty:

# ENDANGERED SPECIES OBSERVER PROGRAM

Dredge *EAGLE I* - Mississippi River Gulf Outlet 1996

Bean Dredging Co. - USACE, New Orleans District

## DAILY REPORT

Date: 11 / 01 / 96 Loads: 125-130

Area(s) Worked: Stations 3855+00-3825+00

Weather Conditions: Skies partly cloudy, Winds light airs, Seas 1'-2'

Range of H<sub>2</sub>O Temperature: Surface 75°F Below Mid-Depth

Condition of all screening apparatus: Screening in good working order. T.E.D.s repaired today, see daily report for details.

Are there incidents involving endangered or protected species? Yes  No x

Comments (type of material being dredged, biological specimens, etc.):

On load 130 the starboard outside pad-eye broke and  
the outside pad-eye on the port side was found cracked. Repairs  
were made to both of the T.E.D.s immediately. Digging was  
ceased for two hours while the starboard side was being repaired  
and welded back together. As soon as the starboard T.E.D. was  
repaired digging commenced again with one arm while the port  
side was being repaired. Both T.E.D.s are in good working  
order now.

Samples were small in quantity consisting of  
flounder, stingrays, pen shell, wood and trash.

Material digging is sand, silt and small amounts  
of mud and clay.

### Bridge Watch Summary

Species	# of Sightings	# of Animals	Comments
<u>No sightings</u>	<u></u>	<u></u>	<u></u>
<u></u>	<u></u>	<u></u>	<u></u>
<u></u>	<u></u>	<u></u>	<u></u>
<u></u>	<u></u>	<u></u>	<u></u>
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Eric Westerman, Brett Johnson

Observer(s) On Duty:

# ENDANGERED SPECIES OBSERVER PROGRAM

Dredge *EAGLE I* - Mississippi River Gulf Outlet 1996

Bean Dredging Co. - USACE, New Orleans District

## DAILY REPORT

Date: 11 / 02 / 96 Loads: 131-136

Area(s) Worked: Stations 3855+00-3825+00

Weather Conditions: Skies clear and cloudy, Winds northerly 10-30 knots, Seas 1'-7'

Range of H<sub>2</sub>O Temperature: Surface 73-74°F Below Mid-Depth

Condition of all screening apparatus: Good with the exception of load 133. During the load the port cage door lost hydraulic pressure and the door opened up about a foot at the end of the load. The door was closed again and stayed shut for the rest of the day.

Are there incidents involving endangered or protected species? Yes  No X

Comments (type of material being dredged, biological specimens, etc.):

Samples remained small in quantity today.

Samples consisted of stingrays, red drum, wood and trash.

Material digging is sand, silt and small amounts of mud and clay. The starboard dragarm was damaged at the end of load 136. The dredge will be digging with the port dragarm only until repairs can be made.

### Bridge Watch Summary

Species	# of Sightings	# of Animals	Comments
<u>No sightings</u>	<u></u>	<u></u>	<u></u>
<u></u>	<u></u>	<u></u>	<u></u>
<u></u>	<u></u>	<u></u>	<u></u>
<u></u>	<u></u>	<u></u>	<u></u>
<u></u>	<u></u>	<u></u>	<u></u>

Eric Westerman, Brett Johnson

Observer(s) On Duty:

END. GERED SPECIES OBSERVER PF GRAM

Dredge *EAGLE I* - Mississippi River Gulf Outlet 1996

Bean Dredging Co. - USACE, New Orleans District

DAILY REPORT

Date: 11 / 03 / 96 Loads: 137-138

Area(s) Worked: Stations 3855+00-3825+00

Weather Conditions: Skies partly cloudy, Winds north and east 15-30 knots, Sea 4-7

Range of H<sub>2</sub>O Temperature: Surface 72°F Below Mid-Depth

Condition of all screening apparatus: Good

Are there incidents involving endangered or protected species? Yes  No x

Comments (type of material being dredged, biological specimens, etc.):

Two loads were dug today. Samples consisted  
of the usual debris, wood, stingrays, pen shells and trash.  
Both loads were dug with the port dragarm only. After load  
138 the dredge went into port to put a new dragarm on the  
the starboard side. Dredging commenced again at 2227.

Bridge Watch Summary

Species	# of Sightings	# of Animals	Comments
No sightings			

Eric Westerman, Brett Johnson

Observer(s) On Duty:

Bean Dredging Co. - USACE, New Orleans District

Observers On Duty: \_\_\_\_\_



# ENDANGERED SPECIES OBSERVER PROGRAM

Dredge *EAGLE 1* - Mississippi River Gulf Outlet - 096

Bean Dredging Co. - USACE, New Orleans District

## DAILY REPORT

Date: 11 / 04 / 94 Loads: 139 - 145

Area(s) Worked: STATIONS 3855+00 - 3825+00

Weather Conditions: CLEAR TO PTLY CLOUDY; E/SE 8-20 KNOTS; SEAS 3-6'

Range of H<sub>2</sub>O Temperature: Surface 69°-70° F Below Mid-Depth \_\_\_\_\_

Condition of all screening apparatus: GOOD

Are there incidents involving endangered or protected species? Yes \_\_\_\_\_ No \_\_\_\_\_

Comments (type of material being dredged, biological specimens, etc.): \_\_\_\_\_

SAMPLES TODAY LIGHT IN QUANTITY CONSISTING OF A FEW STINGRAY AND SOME TRASH WITH MOST LOADS BEING CLEAN. DREDGE MATERIAL IS SAND, SILT, MUD, AND CLAY. ALL EQUIPMENT IS INTACT, FULLY FUNCTIONAL, AND IN GOOD WORKING ORDER.

### Bridge Watch Summary

Species	# of Sightings	# of Animals	Comments
<u>NO SIGHTINGS</u>	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____

Observer(s) On Duty: BRETT JOHNSON / ERIC WESTERMAN

# ENDANGERED SPECIES OBSERVER PROGRAM

Dredge *EAGLE I* - Mississippi River Gulf Outlet 1996

Bean Dredging Co. - USACE, New Orleans District

## DAILY REPORT

Date: 11 / 05 / 90 Loads: 140 - 150

Area(s) Worked: STATIONS 3825+00 - 3855+00

Weather Conditions: PTLY CLOUDY SKIES; WINDS SE 10-20 KNOTS TO LT. AIRS; SEAS 3-8'

Range of H<sub>2</sub>O Temperature: Surface 70° - 72° F Below Mid-Depth                     

Condition of all screening apparatus: GOOD

Are there incidents involving endangered or protected species? Yes            No X

Comments (type of material being dredged, biological specimens, etc.):                     

SAMPLES LIGHT IN QUANTITY CONSISTING OF STINGRAY, FLOUNDER, WOOD, AND TRASH, WITH MOST LOADS BEING CLEAN.

MATERIAL DIGGING IS SAND, SILT, MUD, AND CLAY.

ALL EQUIPMENT IS INTACT AND IN GOOD WORKING ORDER.

### Bridge Watch Summary

Species	# of Sightings	# of Animals	Comments
<u>T+</u>	<u>1</u>	<u>6</u>	<u>BOTTLENOSE DOLPHINS</u>
<u>          </u>	<u>          </u>	<u>          </u>	<u>                    </u>
<u>          </u>	<u>          </u>	<u>          </u>	<u>                    </u>
<u>          </u>	<u>          </u>	<u>          </u>	<u>                    </u>
<u>          </u>	<u>          </u>	<u>          </u>	<u>                    </u>

Observer(s) On Duty: BRETT JOHNSON / ERIC WESTERMAN

# ENDAN RED SPECIES OBSERVER PROGRAM

Dredge EGLE 1 - Mississippi River Gulf Outlet, 1996

Bean Dredging Co. - USACE, New Orleans District

## DAILY REPORT

Date: 11 / 06 / 94 Loads: 151-157

Area(s) Worked: STATIONS 3825+00 - 3855+00

Weather Conditions: PTY TO MOSTLY CLOUDY / LIGHT SHOWERS; WINDS LT. AIRS TO SLY 8-15 KTS; SEAS CALM TO 3-4'

Range of H<sub>2</sub>O Temperature: Surface 70° - 72° F Below Mid-Depth \_\_\_\_\_

Condition of all screening apparatus: GOOD

Are there incidents involving endangered or protected species? Yes \_\_\_\_\_ No X

Comments (type of material being dredged, biological specimens, etc.): \_\_\_\_\_

LOADS EXTREMELY CLEAN TODAY WITH ONE COWNOSE RAY AND A PIECE OF WOOD  
BEING THE EXCEPTION. DREDGE MATERIAL IS SAND, SILT, MUD, AND CLAY.  
EQUIPMENT IS INTACT AND IN GOOD WORKING ORDER.

### Bridge Watch Summary

Species	# of Sightings	# of Animals	Comments
<u>NO SIGHTINGS</u>	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____

Observer(s) On Duty: BRETT JOHNSON / ERIC WESTERMAN

# ENDANGERED SPECIES OBSERVER PROGRAM

Dredge *EAGLE I* - Mississippi River Gulf Outlet 1996

Bean Dredging Co. - USACE, New Orleans District

## DAILY REPORT

Date: 11 / 07 / 94 Loads: 157-163

Area(s) Worked: STATIONS 3825+00 - 3850+00

Weather Conditions: MOSTLY CLOUDY / LT. SHOWERS; WINDS SLY 6-15 KNOTS; SEAS 2-6'

Range of H<sub>2</sub>O Temperature: Surface 71° - 72° F Below Mid-Depth \_\_\_\_\_

Condition of all screening apparatus: GOOD

Are there incidents involving endangered or protected species? Yes \_\_\_\_\_ No X

Comments (type of material being dredged, biological specimens, etc.): \_\_\_\_\_

SAMPLES LIGHT IN QUANTITY CONSISTING OF STINGRAY, FLOWDER, WOOD  
AND TRASH. DREDGE MATERIAL IS SAND, SILT, MUD, AND CLAY.  
EQUIPMENT AND SCREENING IN GOOD WORKING ORDER.

### Bridge Watch Summary

Species	# of Sightings	# of Animals	Comments
<u>NO SIGHTINGS</u>	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____

Observer(s) On Duty: BRETT JOHNSON / ERIC WESTERMAN

ENDANGERED SPECIES OBSERVER PROGRAM

Dredge EAGLE I - Mississippi River Gulf Outlet 1996

Bean Dredging Co. - USACE, New Orleans District

DAILY REPORT

Date: 11 / 08 / 96 Loads: 164-169

Area(s) Worked: STATIONS 3825+00 → 3850+00

Weather Conditions: CLOUDY-RAIN TO CLEARING; WINDS W/N 10-30 KNOTS; SEAS 2-8'

Range of H<sub>2</sub>O Temperature: Surface 70°-71° F Below Mid-Depth

Condition of all screening apparatus: GOOD

Are there incidents involving endangered or protected species? Yes No ☒

Comments (type of material being dredged, biological specimens, etc.):

SAMPLES TODAY SMALL IN QUANTITY CONSISTING OF PEN SHELL, STINGRAY, FLOUNDER AND TRASH WITH MOST LOADS TOTALLY CLEAN. DREDGE MATERIAL IS SAND SILT, MUD, AND CLAY. EQUIPMENT AND SCREENING IS INTACT AND FULLY FUNCTIONAL.

JOHN KNECHT REPLACES ERIC WESTERMAN AS OBSERVER AT 1700 HRS.

Bridge Watch Summary

Species	# of Sightings	# of Animals	Comments
NO SIGHTINGS			

Observer(s) On Duty: BRETT JOHNSON / ERIC WESTERMAN

# ENDA JERED SPECIES OBSERVER PR RAM

Dredge *EAGLE 1* - Mississippi River Gulf Outlet 1996

Bean Dredging Co. - USACE, New Orleans District

## DAILY REPORT

Date: 11 / 9 / 96 Loads: 170 - 176

Area(s) Worked: stations 3825<sup>00</sup> to 3850<sup>00</sup>

Weather Conditions: CLEAR SKIES, N/NE WIND to 20 KNOTS, DIMINISHING, SEAS 2-3', AIR TEMP. 60°

Range of H<sub>2</sub>O Temperature: Surface 67-68°F Below Mid-Depth 70°F (HOPPER WATER)

Condition of all screening apparatus: GOODS - 100% INFLOW SCREENING

Are there incidents involving endangered or protected species? Yes        No X

Comments (type of material being dredged, biological specimens, etc.):

DREDGING FINE SAND/SILT W/ LITTLE OTHER DEBRIS

BIOLOGICAL "TAKE" INCLUDES A FEW RAYS, & A CATFISH

MOSTLY VERY CLEAN SCREENS, & ALL IS WELL.

## Bridge Watch Summary

Species	# of Sightings	# of Animals	Comments
<u><i>J. truncatus</i></u>	<u>1</u>	<u>5</u>	<u>~0630 HRS, ~1/4 mi E of "G5" channel</u>
			<u>marker</u>

Observer(s) On Duty: BRET JOHNSON, JOHN KNECHT

# ENDANGERED SPECIES OBSERVER PROGRAM

Dredge *EAGLE I* - Mississippi River Gulf Outlet 1996

Bean Dredging Co. - USACE, New Orleans District

## DAILY REPORT

Date: 11 / 10 / 96 Loads: 177 - 182

Area(s) Worked: STATIONS 3825+00 - 3850+00

Weather Conditions: CLEAR SKIES; WINDS LT. AIRS TO N/NE 3-10 KNOTS; SEAS 1-3'

Range of H<sub>2</sub>O Temperature: Surface 67° - 68° F Below Mid-Depth 72° F

Condition of all screening apparatus: GOOD

Are there incidents involving endangered or protected species? Yes        No X

Comments (type of material being dredged, biological specimens, etc.):

SAMPLES LIGHT IN QUANTITY CONSISTING OF WHELK SHELL, STINGRAY, AND ASSORTED TRASH. MOSTLY CLEAN SCREENING. DREDGE MATERIAL IS SAND, SILT, MUD, AND CLAY. EQUIPMENT AND SCREENING IN GOOD WORKING ORDER.

### Bridge Watch Summary

Species	# of Sightings	# of Animals	Comments
<u>TD</u>	<u>2</u>	<u>12</u>	<u>BOTTLENOSE DOLPHINS</u>

Observer(s) On Duty: BRETT JOHNSON / JOHN KNECHT

# ENDAN RED SPECIES OBSERVER PRO - 'AM

Dredge *EAGLE 1* - Mississippi River Gulf Outlet 1996

Bean Dredging Co. - USACE, New Orleans District

## WEEKLY SUMMARY

Dates: 11 / 04 / 96 - 11 / 10 / 96 Loads: 139 - 182  
 Range of H<sub>2</sub>O Temperature: Surface 67° - 72° F Below Mid-Depth 70° - 72° F  
 Area(s) Worked: STATIONS 3825<sup>+</sup>00 - 3850<sup>+</sup>00

Are there incidents involving endangered or protected species? Yes        No X

Comments: NO TURTLES SIGHTED NOR SAMPLED THIS WEEK. SAMPLES CONTINUE TO  
BE SMALL IN QUANTITY. SAMPLES CONSIST OF WHELK SHELL, STINGRAY, FLOUNDER,  
CATFISH, WOOD, AND ASSORTED TRASH.  
DREDGE MATERIAL IS SAND SILT WITH SMALL AMOUNT OF MUD AND CLAY.  
ALL EQUIPMENT AND SCREENING IS INTACT, FULLY FUNCTIONAL AND IN  
GOOD WORKING ORDER.  
JOHN KNECHT REPLACED ERIC WESTERMAN AS OBSERVER ON 11/08/96  
AT 1700 HRS.

## Bridge Watch Summary

Species	# of Sightings	# of Animals	Comments
<u>TD</u>	<u>4</u>	<u>23</u>	<u>BOTTLENOSE DOLPHINS</u>

Observers On Duty: BRET JOHNSON / ERIC WESTERMAN / JOHN KNECHT



# ENDANGERED SPECIES OBSERVER PROG. M

Dredge *EAGLE 1* - Mississippi River Gulf Outlet 1996

Bean Dredging Co. - USACE, New Orleans District

## DAILY REPORT

MONDAY

Date: 11 / 11 / 96 Loads: 183 - 188

Area(s) Worked: stations 3825<sup>00</sup> to 3850<sup>00</sup>

Weather Conditions: Beautiful: Clear skies, Light Air, Seas 1-2' Air temp. 70's F

Range of H<sub>2</sub>O Temperature: Surface 68-70°F Below Mid-Depth 71-72°F

Condition of all screening apparatus: Excellent

Are there incidents involving endangered or protected species? Yes        No X

Comments (type of material being dredged, biological specimens, etc.):       

The screens continue to be very clean, some misc. debris,  
is a few string rays

The material, sampled from beneath a draghead, is a fine, grey  
silt, that does stick to itself to a small degree.

### Bridge Watch Summary

Species	# of Sightings	# of Animals	Comments
<u>T. truncatus</u>	<u>1</u>	<u>20-25</u>	<u>In the channel near "R6" marker</u>

Observer(s) On Duty: Brett Johnson John Knecht

ENDANGERED SPECIES OBSERVER PROGRAM  
Dredge EAGLE 1 - Mississippi River Gulf Outlet 1996  
Bean Dredging Co. - USACE, New Orleans District

DAILY REPORT

Date: 11 / 12 / 96 Loads: 189 - 195  
Area(s) Worked: STATIONS 3825<sup>100</sup> - 3850<sup>100</sup>  
Weather Conditions: CLEAR SKIES; LT. AIRS TO ELY WINDS 8-14 KNOTS; SEAS 1-5'  
Range of H<sub>2</sub>O Temperature: Surface 67° - 69° F Below Mid-Depth 68° - 71° F  
Condition of all screening apparatus: GOOD

Are there incidents involving endangered or protected species? Yes        No X

Comments (type of material being dredged, biological specimens, etc.):

SAMPLES EXTREMELY LIGHT IN QUANTITY TODAY. SAMPLES INCLUDE OLD REDFISH  
PARTS, STINGRAY, AND ASSORTED TRASH. DREDGE MATERIAL IS SAND, SILT, MUD, AND CLAY.  
EQUIPMENT AND SCREENING IS INTACT AND IN GOOD WORKING ORDER.

Bridge Watch Summary

Species	# of Sightings	# of Animals	Comments
<u>TH</u>	<u>1</u>	<u>6-7</u>	<u>BOTTLENOSE DOLPHINS</u>

Observer(s) On Duty: BRETT JOHNSON / JOHN KNECHT

# ENDANGERED SPECIES OBSERVER PROGRAM

Dredge *EAGLE 1* - Mississippi River Gulf Outlet 1996

Bean Dredging Co. - USACE, New Orleans District

## DAILY REPORT

Date: 11 / 13 / 96 Loads: 196 thru 201  
 Area(s) Worked: stations 3855<sup>00</sup> to 3825<sup>00</sup>  
 Weather Conditions: Clear Skies, Winds E/NE 10-18 knots seas 3-4' air temp 70's °F  
 Range of H<sub>2</sub>O Temperature: Surface 66°F Below Mid-Depth 66-67 °F  
 Condition of all screening apparatus: Excellent, 100% Inflow

Are there incidents involving endangered or protected species? Yes        No X

Comments (type of material being dredged, biological specimens, etc.):

Digging fine, slightly "packable", grey material  
little other debris in the screens.

Biological specimens incl. a half dozen cow nosed rays, several  
small stingrays & flounders

### Bridge Watch Summary

Species	# of Sightings	# of Animals	Comments
<u>T. truncatus</u>	<u>1</u>	<u>6</u>	<u>In the channel, near the "R6" marker</u>

Observer(s) On Duty: BRET JOHNSON JOHN KNECHT

# END DREDGED SPECIES OBSERVER PROGRAM

Dredge *EAGLE I* - Mississippi River Gulf Outlet 1996

Bean Dredging Co. - USACE, New Orleans District

## DAILY REPORT

Date: 11 / 14 / 96 Loads: 202 - 207

Area(s) Worked: STATIONS 3825<sup>00</sup> - 3850<sup>00</sup>

Weather Conditions: CLEAR TO PTLY CLOUDY ; WINDS E-ly 8-16 KNOTS ; SEAS 3-5'

Range of H<sub>2</sub>O Temperature: Surface 65° - 67° F Below Mid-Depth 66° - 67° F

Condition of all screening apparatus: GOOD

Are there incidents involving endangered or protected species? Yes        No X

Comments (type of material being dredged, biological specimens, etc.):

NO TURTLES SIGHTED NOR SAMPLED. SAMPLES CONTINUE TO BE LIGHT IN QUANTITY  
CONSISTING OF A FEW STINGRAY, FLOUNDER, PEN + WHELK SHELLS, AND ASSORTED TRASH.  
MATERIAL DIGGING IS FINE, SAND, SILT, MUD AND CLAY. ALL SCREENING AND EQUIPMENT  
IN GOOD CONDITION.

### Bridge Watch Summary

Species	# of Sightings	# of Animals	Comments
<u>T. truncatus</u>	<u>1</u>	<u>2</u>	<u>BOTTLENOSE DOLPHINS</u>

Observer(s) On Duty: BRETT JOHNSON / JOHN KNECHT

# ENDANGERED SPECIES OBSERVER PROGRAM

Dredge *EAGLE I* - Mississippi River Gulf Outlet 1996

Bean Dredging Co. - USACE, New Orleans District

## DAILY REPORT

Date: 11 / 15 / 96 Loads: 208 thru 211

Area(s) Worked: stations 3825<sup>00</sup> to 3855<sup>00</sup>

Weather Conditions: PTLY. CLOUDY E WIND BUILDING TO 30-40 KNOTS, SEAS 7-10'

Range of H<sub>2</sub>O Temperature: Surface 65-66 °F Below Mid-Depth 66 °F

Condition of all screening apparatus: EXCELLENT; 100% INFLOW

Are there incidents involving endangered or protected species? Yes        No X

Comments (type of material being dredged, biological specimens, etc.):

DIGGING FINE, GREY, SILT/MUD

VERY CLEAN SCREENS - A FEW STINGRAYS, LITTLE ELSE TO REPORT

CEASED DREDGING OPERATIONS AT 1109 HRS, ON ACCOUNT OF STRONG  
WINDS & BUILDING SEAS, AND DROPPED ANCHOR IN THE LEE  
OF THE BRETON ISLANDS, FOR THE REST OF THE DAY.

## Bridge Watch Summary

Species	# of Sightings	# of Animals	Comments

Observer(s) On Duty: BRETT JOHNSON JOHN KNECHT

# ENDANGERED SPECIES OBSERVER PROGRAM

Dredge *EAGLE 1* - Mississippi River Gulf Outlet 1996

Bean Dredging Co. - USACE, New Orleans District

## DAILY REPORT

Date: 11 / 16 / 96 Loads: \*211 - 217  
 Area(s) Worked: STATIONS 3825<sup>100</sup> to 3855<sup>100</sup> AND 3525<sup>100</sup> to 3485<sup>100</sup>  
 Weather Conditions: OVERCAST SKIES; WINDS EASTERLY 25-30 KNOTS; SEAS 4-10'  
 Range of H<sub>2</sub>O Temperature: Surface 65° - 67°F Below Mid-Depth 66° - 68°F  
 Condition of all screening apparatus: GOOD

Are there incidents involving endangered or protected species? Yes        No X

Comments (type of material being dredged, biological specimens, etc.): \*LOAD 211 CONTINUED FROM 11/15. DID NOT GET DUMPED DUE TO ROUGH SEAS. STARTED 11/16 BY ADDING TO LOAD 211.  
RESUMED DREDGING AT 1020 AT NEW STATIONS 3525<sup>100</sup> to 3485<sup>100</sup>  
BIOLOGICAL SPECIMENS INCLUDE PENSHEIS, STINGRAY AND MIX. FISH PARTS. LARGE  
AMOUNTS OF MARSH GRASS, WOOD, TRASH, AND DEBRIS HAVE ACCUMULATED AT NEW  
STATIONS AND HAS NEEDED TO BE REMOVED BY HAND. DREDGE MATERIAL AT NEW STATION  
HAS BEEN BLACK SOUPY SILT AND MUD. EQUIPMENT AND SCREENING REMAINS INTACT  
AND IN GOOD WORKING ORDER

## Bridge Watch Summary

Species	# of Sightings	# of Animals	Comments
<u>Tt</u>	<u>2</u>	<u>10-12</u>	<u>BOTTLENOSE DOLPHINS</u>
<u>      </u>	<u>      </u>	<u>      </u>	<u>      </u>
<u>      </u>	<u>      </u>	<u>      </u>	<u>      </u>
<u>      </u>	<u>      </u>	<u>      </u>	<u>      </u>
<u>      </u>	<u>      </u>	<u>      </u>	<u>      </u>

Observer(s) On Duty: BRETT JOHANSON / JOHN KNECHT

# ENDANGERED SPECIES OBSERVER PROGRAM

Dredge EAGLE 1 - Mississippi River Gulf Outlet 1996

Bean Dredging Co. - USACE, New Orleans District

## DAILY REPORT

Date: 11 / 17 / 96 Loads: 218 thru 228  
Area(s) Worked: stations 3525<sup>+</sup> to 3485<sup>+</sup>  
Weather Conditions: OVERCAST to PTLY CLOUDY, E/SE WND 10-20 KNOTS. SEAS 4-6'  
Range of H<sub>2</sub>O Temperature: Surface 67° - 68° F Below Mid-Depth 67.5° - 68° F  
Condition of all screening apparatus: EXCELLENT; 100% INFLOW

Are there incidents involving endangered or protected species? Yes        No X

Comments (type of material being dredged, biological specimens, etc.):  
DREDGING SOME DARK SLUDGE/FLUFF, FINE GREY CLAY/MUD & CLAY.  
EXCEPTIONAL QUANTITIES OF OLD, BLACK, WIREY MARSH GRASS STEMS/ROOTS  
BLOCKING UP THE OPENINGS IN THE TURTLE BOXES. CONSTANT CLEANING.  
SMALL PIECES OF WOOD, LINES, NETS, RAGS, MISC. DEBRIS  
NOT MUCH BIOLOGICAL TAKE - SOME RAYS, FLUNDER, OLD DEAD RED FISH.  
A FEW WHELKS, A STARFISH, HERMIT CRAB... SNAKE EELS.

### Bridge Watch Summary

Species	# of Sightings	# of Animals	Comments
	<u>0</u>		

Observer(s) On Duty: BRETT JOHNSON JOHN KUECHT

# ENDANGERED SPECIES OBSERVER PROGRAM

Dredge EAGLE 1 - Mississippi River Gulf Outlet 1996

Bean Dredging Co. - USACE, New Orleans District

## WEEKLY SUMMARY

Dates: 11 / 11 / 96 - 11 / 17 / 96

Loads: 183 thru 228

Range of H<sub>2</sub>O Temperature: Surface 65-70°F

Below Mid-Depth 66-72°F

Area(s) Worked: stations 3825<sup>00</sup> to 3855<sup>00</sup> (MON-FRI)

stations 3525<sup>00</sup> to 3485<sup>00</sup> (SAT-SUN)

Are there incidents involving endangered or protected species? Yes \_\_\_\_\_ No X

Comments: FOR MOST OF THE WEEK WE WORKED THE HIGHER STATION NUMBERS FURTHER OUT IN THE CHANNEL. THE MATERIAL WAS A FINE GREY CLAY/SILT. THE SCREENS WERE VERY CLEAN: LITTLE DEBRIS, & LITTLE BIOLOGICAL TAKE - SOME RAYS & FLOUNDER. ALL IS WELL.

FRIDAY, 30-40 KNOT WINDS & BUILDING SEAS FORCED US TO SPEND THE AFTERNOON & NIGHT AT ANCHOR IN THE LEE OF THE GRAND GOSSIER SHOALS.

SATURDAY MORNING WE BEGAN DIGGING ON THE NEW SITE. THE MATERIAL IS MORE OF A THICK SLUDGE, W/ CLAY, & LARGE AMOUNTS OF MARSH GRASS ROOTS/STEM THAT BLOCK UP THE TURTLE BOXES. MUCH MORE TRASH, LINE, NETS, DEBRIS, WOOD, A FEW RAYS, & DEAD RED FISH

## Bridge Watch Summary

Species	# of Sightings	# of Animals	Comments
<u>T. truncatus</u>	<u>6</u>	<u>generally 4-6 per sighting</u>	
		<u>- 20-25 sighted at one time</u>	<u>11/17</u>

Observers On Duty: BRETT JOHNSON JOHN KNECHT



# ENDANGERED SPECIES OBSERVER PROGRAM

Dredge *EAGLE I* - Mississippi River Gulf Outlet 1996

Bean Dredging Co. - USACE, New Orleans District

## DAILY REPORT

Date: 11/18/96 Loads: 228-240  
Area(s) Worked: Stations 3525+00 to 3485+00 & 3810+00 to 3885+00  
Weather Conditions: Partly cloudy to clear, E./SE. winds 5-15 knots, seas 3-5 ft.  
Range of H<sub>2</sub>O Temperature: Surface 68 F Below Mid-Depth 67 - 68 F  
Condition of all screening apparatus: Good

Are there incidents involving endangered or protected species? Yes\_\_ No X

Comments (type of material being dredged, biological specimens, etc.):

Dredged material was fine silt/ clay/ mud

Screens all very clean - a few flounder, redfish, stingrays, crabs, and marsh grass

Abiotic material included rope, wire, wood, netting, clay and trash

All screening and equipment in good condition.

### Bridge Watch Summary

Species	#of sightings	# of Animals	Comments
<u>T.truncatus</u>	<u>1</u>	<u>1</u>	<u>Near buoy 5</u>
<u>                    </u>	<u>                    </u>	<u>                    </u>	<u>                    </u>
<u>                    </u>	<u>                    </u>	<u>                    </u>	<u>                    </u>
<u>                    </u>	<u>                    </u>	<u>                    </u>	<u>                    </u>
<u>                    </u>	<u>                    </u>	<u>                    </u>	<u>                    </u>

Observers on duty: Leslie Sprague, Brenda Huffstetler

# ENDANGERED SPECIES OBSERVER PROGRAM

Dredge *EAGLE1* - Mississippi River Gulf Outlet 1996

Bean Dredging Co. - USACE, New Orleans District

## DAILY REPORT

Date: 11 / 19 / 96 Loads: 241 to 245 (End contract Dacw29-96-C-0003)

Area(s) Worked: Sta. 3885+00 to 3810+00

Weather Conditions: Clear, Seas 2 to 3 Ft. Wind 5 Knts. Air temp. 70 to 74 F.

Range of H<sub>2</sub>O Temperature: Surface 70 Below Mid-Depth 68 to 69 Deg. F

Condition of all screening apparatus: Good

Are there incidents involving endangered or protected species? Yes ☐ No ☒

Comments (type of material being dredged, biological specimens, etc.): \_\_\_\_\_

Material dredged was fine silt \ mud with rope, wood, pin wheels & horseshoe crabs ; over all  
Very clean

No endangered \ protected species were sighted or taken.

Port discharge flushed periodically to remove debris.

### Bridge Watch Summary

Species	# of sightings	# of Animals	Comments
<u>None</u>	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____

Observer(s) On Duty: Brenda Huffstetler, Leslie Sprague

## ENDANGERED SPECIES OBSERVER PROGRAM

Dredge *EAGLE I* - Mississippi River Gulf Outlet 1996

Bean Dredging Co. - USACE, New Orleans District

### DAILY REPORT

Date: 11 / 19 / 96 Loads: 1 to 6 (Dacw29-96-C-0006)

Area(s) Worked: Sta. 3810+00 to 3885+00

Weather Conditions: Calm to < 5 Knts. 80 to 90% Cloud cover, seas < 2'

Range of H<sub>2</sub>O Temperature: Surface 72 F. Below Mid-Depth 70 F.

Condition of all screening apparatus: Good

Are there incidents involving endangered or protected species? Yes\_ No X

Comments (type of material being dredged, biological specimens, etc.):

Material is fine silt and mud.

At 10:26 Dredging continued with port draghead only, while stbd. draghead was repaired.

Resumed dredging with both dragheads at 17:30.

Material included a few cownosed rays and wood.

Over all loads were very clean today.

### Bridge Watch Summary

Species	# of sightings	# of Animals	Comments
<u>T. truncatus</u>	<u>1</u>	<u>7</u>	<u>Bottlenose Dolphins</u>

Observer(s) On Duty: B. Huffstetler, L. Sprague

# ENDANGERED SPECIES OBSERVER PROGRAM

Dredge *EAGLE 1* - Mississippi River Gulf Outlet 1996

Bean Dredging Co. - USACE, New Orleans District

## DAILY REPORT

Date: 11/20/96 Loads: 7 - 18

Area(s) Worked: C.L. Sta. 3885+00 - 3810+00 Lat/Lon. N 29 25 | W 89 01

Weather Conditions: Seas < 2', Wind < 2 Knts., mostly cloudy - clear, air 76 - 82 F.

Range of H<sub>2</sub>O Temperature: Surface 71 - 74 F. Below Mid-Depth 68 - 70 F.

Condition of all screening apparatus: Very Good

Are there incidents involving endangered or protected species? Yes ☐ No ☒

Comments (type of material being dredged, biological specimens, etc.):

Very clean loads today, consisting of mud \ fine clay and silt.

Debris collected included rope, wood, a few pinwheels & a few sting rays.

No incidents involving endangered species today.

All equipment in good condition & full working order.

### Bridge Watch Summary

Species	# of sightings	# of Animals	Comments
<u>T. truncatus</u>	<u>1</u>	<u>1</u>	<u>Bottlenose Dolphin ( S.E. buoy no.4)</u>
<u></u>	<u></u>	<u></u>	<u></u>
<u></u>	<u></u>	<u></u>	<u></u>
<u></u>	<u></u>	<u></u>	<u></u>
<u></u>	<u></u>	<u></u>	<u></u>

Observer(s) On Duty: Leslie Sprague, Brenda Huffstetler

# ENDANGERED SPECIES OBSERVER PROGRAM

Dredge *EAGLE I* - Mississippi River Gulf Outlet 1996

Bean Dredging Co. - USACE, New Orleans District

## DAILY REPORT

Date: 11 / 21 / 96 Loads: 19 - 29  
Area(s) Worked: N. 29- 30 / W. 89- 01  
Weather Conditions: Seas < 2', Wind 0 - 10 Knts., clear/ptly cloudy / haze  
Range of H<sub>2</sub>O Temperature: Surface 72 - 73 F. Below Mid-Depth 68 - 69 F.  
Condition of all screening apparatus: All in good condition.

Are there incidents involving endangered or protected species? Yes ☐ No ☒

Comments (type of material being dredged, biological specimens, etc.): \_\_\_\_\_

There were no incidents involving endangered species today.

Dredged material was fine grey silt / & mud.

Debris included wood, sting rays, & rope.

Loads were fairly clean all day.

### Bridge Watch Summary

Species	# of sightings	# of Animals	Comments
<u>T. truncatus</u>	<u>5</u>	<u>28</u>	<u>All were spotted near buoy 5 &amp; 6, possibly</u>
			<u>Feeding. (Included 1 mother / calf pair)</u>

Observer(s) On Duty: Leslie Sprague, Brenda Huffstetler

# ENDANGERED SPECIES OBSERVER PROGRAM

Dredge Eagle, M.R.G.O., L.  
Bean Co./USACE, New Orleans

## DAILY REPORT

Date: 10 / 14 96 Loads: 01-04  
Area(s) Worked: Stations 3835+00-3750+00  
Weather Conditions: Skies clear to mostly cloudy, Winds SE 5-20 knots, Seas 2'-8'  
Range of H<sub>2</sub>O Temperature: Surface 73°F Below Mid-Depth   
Condition of all screening apparatus: Good

Are there incidents involving endangered or protected species? Yes  No X

Comments (type of material being dredged, biological specimens, etc.):

Due to bad weather no digging was done on

13th. The crew boat was not able to make it out to the dredge  
site and the seas were to large for digging. The crew boat arrived  
at 0900 on the 14th and dredging commenced at 0905.

The dredge is equipped with 100% inflow  
screening. At the end of each discharge pipe there is 100%  
enclosed screen cage with 4"x4" openings. There are two pipes  
one on the port side and one on the starboard side. There are  
two screened mid discharge openings. These openings are welded  
closed and will not be used. This is a excellent inflow screened  
setup.

Samples were small in quantity today.  
samples consisted of whelks, stingrays, spider crabs, wood,  
clay and trash.

Material digging is sand, silt, mud and clay.  
Water temperatures will be taken by the observers in the cut area.

### Bridge Watch Summary

Species	# of Sightings	# of Animals	Comments
<u>No sightings</u>	<u></u>	<u></u>	<u></u>
<u></u>	<u></u>	<u></u>	<u></u>
<u></u>	<u></u>	<u></u>	<u></u>
<u></u>	<u></u>	<u></u>	<u></u>

Eric Westerman, Brett Johnson

Observer(s) On Duty:

# ENDANGERED SPECIES OBSERVER PROGRAM

Dredge *EAGLE I* - Mississippi River Gulf Outlet 1996

Bean Dredging Co. - USACE, New Orleans District

## DAILY REPORT

Date: 11 / 22 / 96 Loads: 30 - 40

Area(s) Worked: N. 29-25 / W. 89-01

Weather Conditions: Strong wind 5 - 8 knts., seas 2 - 6', cloud coverage (overcast)

Range of H<sub>2</sub>O Temperature: Surface 65 - 70 F. Below Mid-Depth 67 - 68 F.

Condition of all screening apparatus: All screening apparatus is clean and in good shape.

Are there incidents involving endangered or protected species? Yes\_\_ No X

Comments (type of material being dredged, biological specimens, etc.):

No incidents involving endangered species.

Material dredged is fine silt & mud. Dredges have been very clean.

Stingrays & pinwheels mostly seen today.

Wood, rope, and some plastic found as well.

### Bridge Watch Summary

Species	# of sightings	# of Animals	Comments
	<u>None</u>		

Observer(s) On Duty: Leslie Sprague, Brenda Huffstetler

## ENDANGERED SPECIES OBSERVER PROGRAM

Dredge *EAGLE I* - Mississippi River Gulf Outlet 1996

Bean Dredging Co. - USACE, New Orleans District

### DAILY REPORT

Date: 11 / 23 / 96 Loads: 41 - 51

Area(s) Worked: N. 29-26 / W. 89-01

Weather Conditions: Seas 1 - 3', Wind 1 - 15 knts., Skies partly \ mostly cloudy.

Range of H<sub>2</sub>O Temperature: Surface 68 - 69 F. Below Mid-Depth 65 - 67 F.

Condition of all screening apparatus: All in good condition.

Are there incidents involving endangered or protected species? Yes ☐ No ☒

Comments (type of material being dredged, biological specimens, etc.):

All loads extremely clean today with very little material collected in the discharges. 2 Stingrays.

Wood, piece of metal.

Material dredged is fine grey silt & mud.

All equipment / T.E.D. / screens in good working order.

#### Bridge Watch Summary

Species	# of sightings	# of Animals	Comments
<u>T. truncatus</u>	<u>5</u>	<u>40 -50</u>	<u>(4) of these sightings involved a total of 10</u>
<u></u>	<u></u>	<u></u>	<u>Animals. (1) sighting included 30 - 40 bottle-</u>
<u></u>	<u></u>	<u></u>	<u>nose Dolphins in one area at 0745.</u>
<u></u>	<u></u>	<u></u>	<u></u>
<u></u>	<u></u>	<u></u>	<u></u>

Observer(s) On Duty: Leslie Sprague, Brenda Huffstetler



# ENDANGERED SPECIES OBSERVER PROGRAM

Dredge *EAGLE I* - Mississippi River Gulf Outlet 1996

Bean Dredging Co. - USACE, New Orleans District

## DAILY REPORT

Date: 11 / 24 / 96 Loads: 52-63

Area(s) Worked: N. 29-25 / W. 89-01

Weather Conditions: Strong wind 1-40 knts., seas 2 - 6', clear- thunder/lightening storms

Range of H<sub>2</sub>O Temperature: Surface 69 - 70 F. Below Mid-Depth 67 - 68 F.

Condition of all screening apparatus: All screening apparatus is clean and in good shape.

Are there incidents involving endangered or protected species? Yes ☐ No ☒

Comments (type of material being dredged, biological specimens, etc.):

No incidents involving endangered species.

Material dredged is mud and clay. Dredges have been very clean.

Only debris found was a few pieces of wood.

### Bridge Watch Summary

Species	# of sightings	# of Animals	Comments
<u>T. truncatus</u>	<u>1</u>	<u>6</u>	<u>Bottlenose dolphins</u>
<u></u>	<u></u>	<u></u>	<u></u>
<u></u>	<u></u>	<u></u>	<u></u>
<u></u>	<u></u>	<u></u>	<u></u>
<u></u>	<u></u>	<u></u>	<u></u>

Observer(s) On Duty: Leslie Sprague, Brenda Huffstetler

**ENDANGERED SPECIES OBSERVER PROGRAM**  
Dredge *EAGLE I* - Mississippi River Gulf Outlet 1996  
Bean Dredging Co. - USACE, New Orleans District

WEEKLY SUMMARY

Dates: 11 / 18 / 96 - 11/24/96 Loads: 228-245 & 1-63  
Range of H<sub>2</sub>O Temperature: Surface 65 - 74 F. Below Mid-Depth 65 - 70 F.  
Area(s) Worked: N: 29-25 / W: 89-01

Are there incidents involving endangered or protected species? Yes ☐ No ☒

Comments): \_\_\_\_\_

No incidents involving endangered species this week.

Sightings of protected species listed below.

Material dredged was fine silt, clay & mud.

Debris found included: flounder, redfish, stingrays, cownosed rays, crabs, horseshoe crabs, pinwheels, wood, wire, rope, netting, plastic, metal and trash.

All screens/ TEDS in good condition- no problems.

Weather was fairly good all week (winds 0-20 knots, seas 1-6ft) until Sunday evening when a few storms passed through with rain, lightening & strong winds..

Bridge Watch Summary

Species	# of sightings	# of Animals	Comments
<u>Tursiops truncatus</u>	<u>14</u>	<u>80-90</u>	<u>One sighting included about 20-25 animals;</u>
			<u>Another included 40-50 animals feeding in a</u>
			<u>small area.</u>

Observer(s) On Duty : Leslie Sprague, Brenda Huffstetler

# ENDANGERED SPECIES OBSERVER PROGRAM

Dredge *EAGLE I* - Mississippi River Gulf Outlet 1996

Bean Dredging Co. - USACE, New Orleans District

## DAILY REPORT

Date: 11 / 25 / 96 Loads: 63 - 72

Area(s) Worked: N. 29-25 / W. 89-01

Weather Conditions: Strong wind 20-40 knts., seas 2 - 8', mostly cluody (overcast)

Range of H<sub>2</sub>O Temperature: Surface 67 F Below Mid-Depth 66-67 F

Condition of all screening apparatus: All screening apparatus is clean and in good shape.

Are there incidents involving endangered or protected species? Yes ☐ No ☒

Comments (type of material being dredged, biological specimens, etc.):

No incidents involving endangered species.

Material dredged is fine silt & mud. Dredges have been very clean.

Some wood and a few pinwheels found in TED's; otherwise clean.

### Bridge Watch Summary

Species	# of sightings	# of Animals	Comments
	<u>None</u>		

Observers on Duty: Brenda Huffstetler, Leslie Sprague

# ENDANGERED SPECIES OBSERVER PROGRAM

Dredge *EAGLE I* - Mississippi River Gulf Outlet 1996

Bean Dredging Co. - USACE, New Orleans District

## DAILY REPORT

Date: 11 / 26 / 96 Loads: 73

Area(s) Worked: N. 29-25 / W. 89-01

Weather Conditions: Winds 15-40 knots., seas 3 - 6'

Range of H<sub>2</sub>O Temperature: Surface 69 F. Below Mid-Depth 67 F.

Condition of all screening apparatus: All screening apparatus is clean and in good shape.

Are there incidents involving endangered or protected species? Yes\_\_ No X

Comments (type of material being dredged, biological specimens, etc.):

No incidents involving endangered species.

After load #73, we went into the dock for fuel.

There was nothing in the TED's in this load.

Bridge Watch Summary			
Species	# of sightings	# of Animals	Comments
	<u>None</u>		

Observer(s) On Duty: Leslie Sprague, Brenda Huffstetler

## ENDANGERED SPECIES OBSERVER PROGRAM

Dredge *EAGLE1* - Mississippi River Gulf Outlet 1996

Bean Dredging Co. - USACE, New Orleans District

### DAILY REPORT

Date: 11 / 27 / 96 Loads: 74-83

Area(s) Worked: N. 29-25 / W. 89-01

Weather Conditions: Wind 10-20 knts., seas 4 - 6', mostly cloudy

Range of H<sub>2</sub>O Temperature: Surface 55-64 F. Below Mid-Depth 62-64 F.

Condition of all screening apparatus: All screening apparatus is clean and in good shape.

Are there incidents involving endangered or protected species? Yes ☐ No ☒

Comments (type of material being dredged, biological specimens, etc.):

No incidents involving endangered species.

Material dredged is fine silt & clay

Dredges have been very clean.

A lot of large stingrays in TED's today, plus a few flounder

### Bridge Watch Summary

Species	# of sightings	# of Animals	Comments
<u>T. Truncatus</u>	<u>1</u>	<u>2</u>	<u>Bottlenose dolphins</u>
<u></u>	<u></u>	<u></u>	<u></u>
<u></u>	<u></u>	<u></u>	<u></u>
<u></u>	<u></u>	<u></u>	<u></u>
<u></u>	<u></u>	<u></u>	<u></u>
<u></u>	<u></u>	<u></u>	<u></u>
<u></u>	<u></u>	<u></u>	<u></u>
<u></u>	<u></u>	<u></u>	<u></u>
<u></u>	<u></u>	<u></u>	<u></u>
<u></u>	<u></u>	<u></u>	<u></u>

Observer(s) On Duty: Leslie Sprague, Brenda Huffstetler

# ENDANGERED SPECIES OBSERVER PROGRAM

Dredge *EAGLE1* - Mississippi River Gulf Outlet 1996

Bean Dredging Co. - USACE, New Orleans District

## DAILY REPORT

Date: 11 / 28 / 96 Loads: 84-93

Area(s) Worked: N. 29-25 / W. 89-01

Weather Conditions: winds 5-15 knts., seas 2 - 4', partly to mostly cloudy

Range of H<sub>2</sub>O Temperature: Surface 64-65 F. Below Mid-Depth 62-59 F.

Condition of all screening apparatus: All screening apparatus is clean and in good shape.

Are there incidents involving endangered or protected species? Yes ☐ No ☒

Comments (type of material being dredged, biological specimens, etc.): \_\_\_\_\_

No incidents involving endangered species.

Material dredged is fine silt & mud.

Material found in baskets included 1 flounder, 12 stingrays, a seabass, pinwheels, and a catfish.

Fairly clean loads today.

### Bridge Watch Summary

Species	# of sightings	# of Animals	Comments
	<u>None</u>		

Observer(s) On Duty: Leslie Sprague, Brenda Huffstetler

# ENDANGERED SPECIES OBSERVER PROGRAM

Dredge *EAGLE 1* - Mississippi River Gulf Outlet 1996

Bean Dredging Co. - USACE, New Orleans District

## DAILY REPORT

Date: 11/21/96 Loads: 94 to 105

Area(s) Worked: N 29.316 W 89.01

Weather Conditions: SEAS CALM - left w/swells, winds 3-20 knots, light rain

Range of H<sub>2</sub>O Temperature: Surface 67°-68° F Below Mid-Depth 63°-65° F

Condition of all screening apparatus: Good condition

Are there incidents involving endangered or protected species? Yes        No   x  

Comments (type of material being dredged, biological specimens, etc.):

Dredging mud & silt with small amount of clay

And in TED's included shrimps, crabs, etc.

No sightings of incidents involving protected or endangered species

### Bridge Watch Summary

Species	# of Sightings	# of Animals	Comments
<u>0</u>			

Observer(s) On Duty: Brenda Huffstetler, Leslie Sprague

# ENDANGERED SPECIES OBSERVER PROGRAM

Dredge *EAGLE 1* - Mississippi River Gulf Outlet 1996

Bean Dredging Co. - USACE, New Orleans District

## DAILY REPORT

Date: 11 / 30 / 96 Loads: 106 through 113

Area(s) Worked: N 29:26 W 89:01

Weather Conditions: seas rough 2-6 ft, large swells, winds 15-30 knots overcast to

Range of H<sub>2</sub>O Temperature: Surface 105°F Below Mid-Depth 63°F

Condition of all screening apparatus: GOOD

Are there incidents involving endangered or protected species? Yes        No X

Comments (type of material being dredged, biological specimens, etc.):

Dredged silt / mud with some clay.  
Visual observations were made from the bridge due to  
hazardous conditions on deck (strong wind / waves).

A few stingrays & rope were the only visible objects in  
the TED's.

No sightings or incidents of endangered or protected species.

\* Reporting observations made through load #109: due to rough  
conditions, Captain & turtle observers decided it was best to  
leave this afternoon because of severe rough weather conditions  
predicted for this evening & tomorrow.

### Bridge Watch Summary

Species	# of Sightings	# of Animals	Comments
<u>11</u>	<u>      </u>	<u>      </u>	<u>      </u>
<u>      </u>	<u>      </u>	<u>      </u>	<u>      </u>
<u>      </u>	<u>      </u>	<u>      </u>	<u>      </u>
<u>      </u>	<u>      </u>	<u>      </u>	<u>      </u>
<u>      </u>	<u>      </u>	<u>      </u>	<u>      </u>

Observer(s) On Duty: Brenda Huffstetter, Leslie Sprague



# ENDANGERED SPECIES OBSERVER PROGRAM

Dredge *EAGLE I* - Mississippi River Gulf Outlet 1996

Bean Dredging Co. - USACE, New Orleans District

## WEEKLY SUMMARY

Dates: 11/25/96 - 11/30/96 (Sat.) Loads: 63 to 113  
Range of H<sub>2</sub>O Temperature: Surface 63°-69°F Below Mid-Depth 55°-67°F  
Area(s) Worked: N 28-26 W 89:01

Are there incidents involving endangered or protected species? Yes        No X

### Comments:

Dredged fine silt/sand, mud & clay this week.  
Loads seemed to be very clean all week.  
Loads 106 through 109 were assessed from the bridge due to rough wind & sea conditions.  
Material taken in TED's this week included: numerous stringrays, flounder, pinwheels, seabass, ~~allum~~ catfish, rope & wood.  
Observations by turtle observers ceased after load #109 at  
Due to worsening weather/sea conditions, the Captain & the crewers concluded it would be best to depart this afternoon because more severe conditions were predicted for tonight, tomorrow & Monday.  
There were no sightings/incidents involving endangered species this week.

### Bridge Watch Summary

Species	# of Sightings	# of Animals	Comments
<u>T. truncatus</u>	<u>1</u>	<u>2</u>	<u>Bottlenose dolphins</u>

Observers On Duty: Leslie Sprague, Brenda Huffstetler